

**UNIFORM HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No.

2. Page 1

Information in the shaded areas
is not required by Federal law.

C A I D 10181615110101015 91101018

3. Generator's Name and Mailing Address

Douglas Aircraft Company Attn: R. Tuell M/S C6-10
19503 S. Normandie Avenue, Torrance, CA 90502

4. Generator's Phone (213 783-5928 or 213-533-7231

5. Transporter 1 Company Name

JCI Environmental Services

8. US EPA ID Number

C A I D 051801183617

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

Oil & Solvent Process Co.
1704 W. 1st Street
Azusa, CA 91702

10. US EPA ID Number

C A I D 008302903

A. State Manifest Document Number

89479325

B. State Generator's ID

H A I M 0361001561918

C. State Transporter's ID

D. Transporter's Phone 213-268-3137

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

C A I D 008302903

H. Facility's Phone

818-334-5117

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

1. Waste No.

a. RQ, Waste, 111-Trichloroethane
ORM-A, UN2831 (F001)

0 0 1

T T

1000.75

G

State

741

EPA/Other

F001

State

EPA/Other

State

EPA/Other

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

RBB 01-21-91

a) Profile # F-28916 - Tank # 150-81
Waste 111-Trichloroethane 0-100%
oil, water, resins, dirt, 0-100%
inert solids, soda ash

K. Handling Codes for Wastes Listed Above

a.

01

b.

c.

d.

15. Special Handling Instructions and Additional Information

Alternate TSDF is Chem-Tech Systems, Inc. 3650 E. 26th Street, Vernon, CA 90023
EPA Id # CAT080033681. In case of accident contact Chemtrec at 800-424-9300.
DOT Emergency Response Guide # 74. Volume is approximate.

16.

GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Robert G. Tuell, Jr.

Signature

Robert G. Tuell, Jr.

Month Day Year

10/12/91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Stanley J. Smith

Signature

Stanley J. Smith

Month Day Year

10/12/91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

advised driver JCI Bond Carriers at
Gilmanage discrepancy. manifest amount was
75 gallons actual amount is 320 gallons 1-22-91

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name

DEE GRIFFEW

Signature

Dee Griffew

Month Day Year

01/02/91

Do Not Write Below This Line

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a. RQ, Waste, 111-Trichloroethane
ORM-A, UN2831 (F001)

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No. Type

0 0 1 T T

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0 0 0 7 5

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G

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State

741

EPA/Other

F001

State

EPA/Other

State

EPA/Other

State

EPA/Other

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oil, water, resins, dirt, 0-100%
inert solids, soda ash

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Printed/Typed Name

Robert G. Tuell, Jr.

Signature

Robert G. Tuell, Jr.

Month Day Year

10/12/1991

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Stanley J Smith

Signature

Stanley J Smith

Month Day Year

10/12/91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

89479325
GENERATOR
IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

Generator Name: Douglas Aircraft Co

Manifest Doc. No.: 91008

CWM Profile Number: F28916

State Manifest No.: 8947925

Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☒ Non-Wastewater ☐ Wastewater

2. If this waste is subject to any California List restrictions enter the letter from below (either A or B2) next to each restriction that is applicable: HOCs, PCBs, Acid, Metals, Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subcategory, or check NONE if the waste code has no subcategory. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REF	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBCATEGORY		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED ENTER THE LETTER FROM BELOW
		ENTER THE SUBCATEGORY DESCRIPTION - IF NOT APPLICABLE, SIMPLY CHECK NONE		6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42- TABLE 1 TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42	
1	F001		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			A
2							
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature Robert G. Trull Title Senior Plant Engineer Date 01-21-91

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM - REVERSE SIDE

SOLVENT AND CALIFORNIA LIST TREATMENT STANDARDS

If the waste identified on the other side of this form is described by any of the following US EPA hazardous waste codes: F001, F002, F003, F004, F005, and/or this hazardous waste is subject to any prohibitions identified as California List restrictions (40 CFR 268.32 and/or RCRA Section 3004(d)), then this page MUST accompany the shipment, along with the opposite side of this form. If the waste code F039 describes this waste, then the corresponding treatment standards must be attached.

SOLVENT WASTE TREATMENT STANDARDS					
F001 through F005 spent solvent constituents and their associated USEPA hazardous waste code(s)	Treatment Standard *		F001 through F005 spent solvent constituents and their associated USEPA hazardous waste code(s)	Treatment Standard *	
	Wastewaters	Nonwastewaters		Wastewaters	Nonwastewaters
Acetone (F003)	0.05	0.59	Methylene chloride (F001, F002)	0.20	0.96
Benzene (F005)	40 CFR 268.43(a) - 0.07	40 CFR 268.43(a) - 3.7	Methylene chloride from pharmaceutical production (F001, F002, F003, F004, F005)	40 CFR 268.43(a) - 0.44	0.96
n-Butyl alcohol (F003)	5.0	5.0	Methyl ethyl ketone (F005)	0.05	0.75
Carbon disulfide (F005)	1.05	4.81	Methyl isobutyl ketone (F003)	0.05	0.33
Carbon tetrachloride (F001)	0.05	0.96	Nitrobenzene (F004)	0.66	0.125
Chlorobenzene (F002)	0.15	0.05	2-Nitropropane (F005)	40 CFR 268.42 - (F002 or CHOCX) followed by CARBN or INCIN	40 CFR 268.42 - INCIN
Cresols (and cresylic acid) (F004)	2.82	0.75	Pyridine (F005)	1.12	0.33
Cyclohexanone (F003)	0.125	0.75	Tetrachloroethylene (F001, F002)	0.079	0.05
1,2-Dichlorobenzene (F002)	0.65	0.125	Toluene (F005)	1.12	0.33
2-Ethoxyethanol (F005) (also called ethylene glycol monoethyl ether)	40 CFR 268.42 - INCIN or BIODG	40 CFR 268.42 - INCIN	1,1,1-Trichloroethane (F001, F002)	1.05	0.41
Ethyl acetate (F003)	0.05	0.75	1,1,2-Trichloroethane (F002)	40 CFR 268.43(a) 0.03	40 CFR 268.43(a) 7.6
Ethylbenzene (F003)	0.05	0.053	1,1,2-Trichloro-1,2,2-trifluoroethane (F002)	1.05	0.96
Ethyl ether (F003)	0.05	0.75	Trichloroethylene (F001, F002)	0.062	0.091
Isobutanol (F005)	5.0	5.0	Trichlorotrifluoromethane (F002)	0.05	0.96
Methanol (F003)	0.25	0.75	Xylene (F005)	0.05	0.15

* All spent solvent treatment standards are taken from 40 CFR Part 268.41(a), unless otherwise noted. Wastewater units are mg/l, non-wastewater are mg/kg.

CALIFORNIA LIST TREATMENT STANDARDS - 40 CFR 268.32, 40 CFR 268.42 and RCRA Section 3004(d)		
A waste must first be designated as a US EPA Hazardous waste before the waste can be subject to the California List restrictions.		
Restricted waste description	Prohibition	Treatment Standard
Liquid* or nonliquid wastes containing Halogenated Organic Compounds listed in 40 CFR 268, Appendix III	Liquid* wastes: Greater than or equal to 1,000 mg/l Nonliquid wastes: Greater than or equal to 1,000 mg/kg	40 CFR 268.42(a)(2) - INCIN
Liquid* wastes containing PolyChlorinated Biphenyls (PCBs)	Greater than or equal to 50 ppm	40 CFR 268.42(a)(1) - INCIN or PSUBS Also see 40 CFR 761.60 and .70
Liquid* wastes containing Cyanides	Free (amenable to chlorination) cyanides at concentrations greater than or equal to 1,000 mg/l	RCRA Section 3004(d)
Liquid* wastes containing Metals	One or more of the following metals (or elements) at concentrations greater than or equal to the following: Arsenic and/or compounds as As: 500 mg/l Cadmium and/or compounds as Cd: 100 mg/l Chromium and/or compounds as Cr: 500 mg/l Lead and/or compounds as Pb: 500 mg/l Mercury and/or compounds as Hg: 20 mg/l Nickel and/or compounds as Ni: 134 mg/l Selenium and/or compounds as Se: 100 mg/l Thallium and/or compounds as Tl: 130 mg/l	RCRA Section 3004(d)
Liquid* Acid wastes	pH is less than or equal to 2.0	RCRA Section 3004(d) and 40 CFR 268.32(a)

* - For the definition of "liquid" refer to Method 9095, the Paint Filter Liquids Test from EPA manual SW-846

Liquid Waste Disposal
3650 E. 26th STREET LOS ANGELES, CA 90023

WORK ORDER

0000

EPA NO. CAD 058018367
FED. TAX NO. XR 95 - 2769288
WASTE HAULER NO. 139

SHIPPER MCDONNELL DOUGLAS CORP.
19503 SO. NORMANDIE AVE.
TORRANCE, CALIF.

BILLING ADDRESS MCDONNELL DOUGLAS CORP.
DEPT. 29711C331-102/P.O. BOX 2731
LONG BEACH, CALIF. 90801

JOB ADDRESS MCDONNELL DOUGLAS CORP.
19503 SO. NORMANDIE AVE.
TORRANCE, CALIF.

TIME: 15:00 hrs.
DATE: JANUARY 21, 1991
P.O. NUMBER S&S 25651-C
RELEASE NO.
CONTACT TRACY
PHONE NO. (213) 783-5927
JOB NO. 91-01-040
CONTACT TRACY
PHONE (213) 783-5927

ORIGIN TORRANCE

DESTINATION _____

COMMODITY _____

MANIFEST NO. 5475

WORK PERFORMED	PROVIDE 5000 GALLON VACUUM TRUCK TO PUMP TRIC III AND TRANSPORT TO OIL & SOLVENT FOR DISPOSAL.
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Deep T-14 On Site In Yard

8 - 2" FOSB3

I.D. # F 28916

NO. LOADS 1 PRIVATE PROPERTY _____ DISPOSAL SITE MS

TRUCK NO. 319 TRAILER NO. 7-19 CAPACITY 5000

START _____ STOP _____ GROSS HOURS _____

OPERATION	LOCATION	START	FINISH	HRS.	RATE
TURKINOL TURBINE #1	TURKINOL TURBINE #1	1450	1500		
OIL TURBINE #1	TURBINE #1	150	1830		
TURBINE VERMONT	VERMONT	1530			
TOTAL HOURS					
MINUS DOWN TIME					
CHARGEABLE HRS.					
EXPLAIN DOWN TIME					

TRUCKING CHARGES	
DISPOSAL FEE	
WASH OUT	
DISPOSAL CARRYING CHARGE	
SURCHARGE	
OTHER	
TOTAL CHARGES	

DRIVER	
DRIVER	
HELPER	

SHIPPER	
DATE	